

TBCM Series (Rev. 1.0)



Features

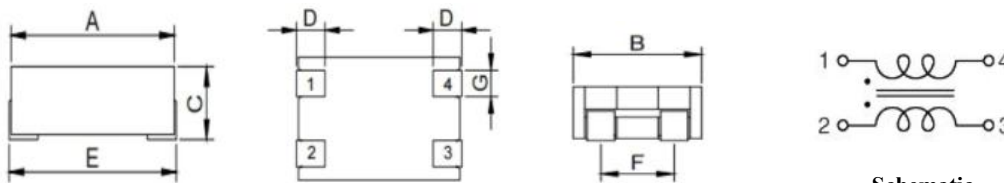
- * RoHS compliant
- * Flat wire could endure higher current(6Amps).
- * Being mounted in the boards with surface mounting equipment.

Product Identification

TBCM 855625 - 400 I
 1 2 3 4

1. Product Code
2. Size Code
3. Impedance: 40Ω @100MHz
4. Tolerance: I=minimum

Dimensions: [mm]

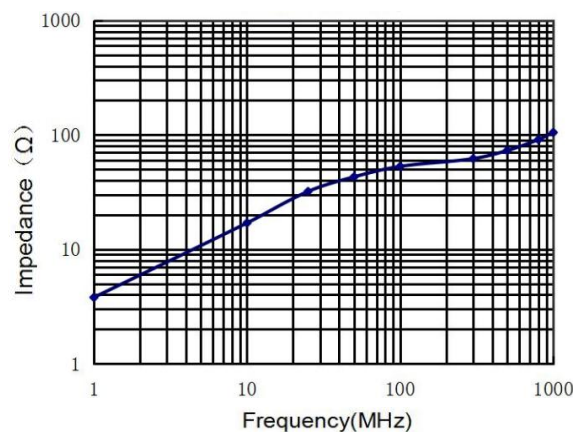
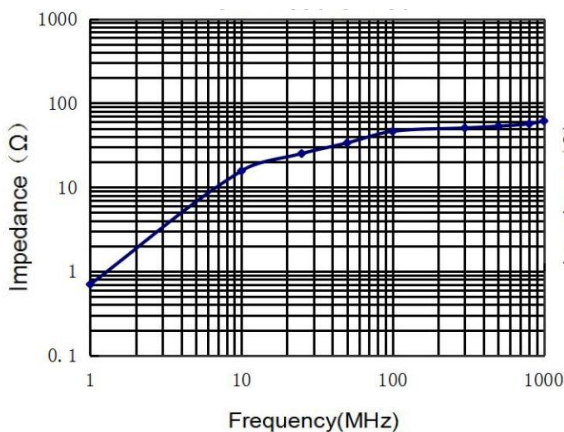


Size Code	A(±0.4)	B(±0.4)	C(±0.3)	D(±0.3)	E(±0.4)	F(typ.)	G(typ.)
455625	4.5	5.6	2.8	1.2	4.9	3.2	1.2
855625	8.5	5.6	2.8	1.5	8.9	3.2	1.2

Electrical Characteristics

P/N	Impedance (Ω) @25MHz	Impedance (Ω) @100MHz	DCR (mΩ)	IDC (A) @ ΔT=40°C
TBCM455625-250I	15.0 min.	25.0 min.	5.0 max.	10.0 max.
TBCM855625-400I	25.0 min.	40.0 min.	10.0 max.	6.0 max.

*** Typical Impedance VS Frequency Curve**



Applications

- * Main Board , Hard Disk , TV card...
- * Communication products- PAGER , Cordless Phone...
- * Modem , OA products , power supplier...
- * Countermeasures for complying with CE、FCC、VDE or VCCI radiated emission.

Operating & Storage Condition

- * Operating Temp. : -40 to +125°C
- * Storage Temp. : -40 to +85°C
- * Storage Life Time : 12 Months @25°C , RH 65%

Test Equipment

- * HP4284A, HP42841A, HP4287A, HP433B- L, IDC, RDC
- * HP8753D NETWORK ANALYZER- SRF

Standard Atmospheric Conditions

- * Ambient Temp : 20+/-15°C
- * Relative Humidity : 65+/-20%

